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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/059,943	01/28/2002	Yakov Kamen	004688.P056	5148

7590 10/24/2003

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EXAMINER

TRAN, TAM D

ART UNIT	PAPER NUMBER
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2676

DATE MAILED: 10/24/2003

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/059,943

Applicant(s)

KAMEN, YAKOV

Examiner

Tam D. Tran

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 January 2002.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-22 are rejected under 35 U.S.C. 102(b) as being anticipated by Putnam et al. (USPN 5262965), hereinafter simply Putnam.

2. In regard to claim 1,7, Putnam teaches a method and computer readable medium, comprising: receiving one or more information attributes to be applied to an object; see col.27 lines 25-27; determining if the one or more information attributes are in contention with one or more geometry attributes of the object; see col.18 lines 41-47; and when the one or more information attributes are in contention with the one or more geometry attributes, modifying the one or more geometry attributes to reduce the contention with the one or more information attributes. See col.20 lines 55-64.

3. In regard to claims 2, 8, Putnam teaches a method and computer readable medium, wherein the contention between the geometry attributes and the information attributes is reduced (slow inputting and outputting of data) without modifying the information attributes. See col.7 lines 59-52.

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4. In regard to claims 3, 9, Putnam teaches a method and computer readable medium, wherein the modified one or more geometry attributes are proportional with the one or more information attributes. See col.20 lines 60-64.
5. In regard to claims 4, 10, Putnam teaches a method and computer readable medium, wherein the geometry attributes are derived from the object. See col.20 lines 50-54.
6. In regard to claims 5, 11, Putnam teaches a method and computer readable medium, wherein the geometry attributes are derived from an input image of the object. See col.20 lines 50-54.
7. In regard to claims 6, 12, Putnam teaches a method and computer readable medium, further comprising: combining the modified geometry attributes and the information attributes to form a texture map. See col.19 lines 5-10.
8. In regard to claim 13, 16, 20, Putnam teaches a system and apparatus, comprising: a processor; a memory coupled to the processor; a storage device coupled to the memory and the processor, see col.16 lines 40-50, the storage device comprising: a geometry modifying code to modify one or more geometry attributes of an object to create new geometry attributes that reduce contention with one or more information attributes of the object; see col.20 lines 55-64; and a texture map generating code to combine the new geometry attributes with the one or more information attributes to create a texture map to be applied to the object. See col.18 lines 61-65.
9. In regard to claims 14, 17, 21, Putnam teaches a system and apparatus, wherein the storage device further comprising: an information attribute receiving code to receive the information attributes to create the texture map. See col.18 lines 61-65.

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10. In regard to claim 18, Putnam teaches a system and apparatus, wherein the information attribute receiver includes an attribute separator to separate the information attributes from background attributes. See col.27 lines 25-27

11. In regard to claims 15, 19, 22, Putnam teaches a system and apparatus, wherein the geometry modifying code modifies the one or more geometry attributes of the object to preserve informative content of the information attributes. See col.20 lines 55-64.

Conclusion

12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Tam D. Tran** whose telephone number is **703-305-4196**. The examiner can normally be reached on MON-FRI from 8:30 – 5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Matthew Bella** can be reached on **703-308-6829**.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 872-9314 (for Technology Center 2600 only)

Hand-delivered response should be brought to Crystal Park II, 2121 Crystal Drive,
Arlington, VA, Sixth floor (Receptionist).

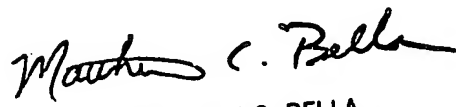
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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

Tam Tran

TT
Examiner

Art unit 2676


MATTHEW C. BELLA
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600